FIFTEENTH

ANNUAL ADDRESS

AND REPORT

TO THE

MECHANICS' INSTITUTE

BY

A. S. HALLIDIE, Esq.

PRESIDENT,

DELIVERED AT THEIR ROOMS, JUNE 1ST, 1871.

SAN FRANCISCO:
FRANCIS & VALENTINE, PRINTERS AND ENGRAVERS, 517 CLAY STREET,
1871.

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ANNUAL REPORT

OF THE

MECHANICS' INSTITUTE

FOR THE

YEAR ENDING JUNE 1, 1871.

SAN FRANCISCO:
FRANCIS & VALENTINE, STEAM PRINTERS, 517 CLAY STREET.
1871.

PRESIDENT'S REPORT.

To the Members of the Mechanics' Institute:

According to custom and the requirement of the Society, I have the honor to submit a report of proceedings and affairs connected with the Mechanics' Institute, and the interests it represents.

The last annual report, dating to June, 1870, placed the condition of the Society before you at that date. Since that time the Trustees have given their undivided attention to improving the status of the Institute, and to placing it on a firm financial condition. This, of course, cannot be accomplished without labor and time, but it must be done before the Mechanics' Institute can hope to occupy that position of usefulness designed for it, or attain toward the ends for which it was organized. Until this is accomplished, its sphere of usefulness will necessarily be restricted, and the essential machinery necessary to keep it in motion will be clogged or out of gear.

Every portion of the present building you are able to spare from the absolute needs of the Library and Reading Room you are compelled to rent for the purpose of producing sufficient income to enable you to pay your way. Thus you are and have been, ever since you erected this building, forced to deprive yourself of room you absolutely need in the carrying out of the objects of your organization, as stated in Art. III of the Constitution of your Society, and toward which we have progressed but little. I sincerely trust events may take such a turn as to enable your Trustees to carry out the wishes nearest their hearts

—the establishment of a School of Design, Tuition on Special Subjects, the formation of a creditable Museum, and a thorough technical library.

The need of all this is felt more and more each year. With the growth of the city of San Francisco as a manufacturing centre, the children therein are growing into lads and young men, and require these adjuncts to other educational institutions to fit them for the trades and professions connected with the industries. And herein lies the safety of the next generation, and the germ of our future prosperity; fit the young men for a trade and for as much more as you please—but for a trade anyway—and in their manhood they will be able and willing to take care of themselves, and not be dependent on society or charity for their existence.

It is a misfortune that this city has so many idle young men—the result of neglect and early associations—who need to be taken care of; a fair proportion of whom may sober down to manliness and a negative kind of industry, when they reach those years of discretion which are beyond the years set down by law; and there is some consolation in this, or else our prospects would not be very cheering.

We should offer attractions and inducements to the young men so that they will become interested in the Mechanics' Institute; and I trust there may be some method by which this can be accomplished. Yet we cannot close our eyes to the fact that whatever effort is being made in this direction by earnest and well-wishing friends, on the other hand is negatived by the existence of many rendezvous of degrading influences; and it is a matter of surprise that such an extent of petty gambling, and its accompanying vice, drinking, is permitted in the corner groceries. Perhaps the first lessons in these vices are given in these small stores more than anywhere else. Without some good influences, the youth of San Francisco, to whom we look for our future mechanics, will run rampant and degenerate in its manhood by its own excess. Home undoubtedly is the great controller and director, but where so many families have no homes—for hotels and boarding houses are not homes—other means must be furnished; and it is here where societies like the Mechanics' Institute must step in and take its place.

I have before referred to the matter of organizing Clubs and Sub-Societies for special purposes, among the members of this

Association; and I hope this can be done, so that a more intimate interchange of thought, idea and courtesy may be current among us, and we may know each other better.

Referring to the industries, while much has been done during the year past, yet the field lies open for enterprise, and invites the efforts of the manufacturer, the mechanic and the laborer; and in this connection, I have before drawn your attention to some facts in regard to the difficulties under which the manufacturing interest labors—not difficulties within themselves, but from without, and the result of conditions which should not exist—and which I consider so vital and important to the industrial classes that I cannot help referring to them again, as from the courtesy of Mr. H. C. Bennett I was able to procure reliable figures, which places it in a stronger light, and demonstrates to what extent we are sometimes led by our own folly.

There are 1,533 manufactories of all kinds in this city, employing an aggregate capital of $25,504,767, and they pay

For wages	$7,868,057
For raw materials	23,832,507
Allow interest, at 12 per cent.	3,060,572
Rent of stores and workshops, at say $1500 per annum	2,299,500
Clerk hire, $1200 per annum	1,839 600
Taxes, advertising and bad debts	2,000,000
Incidentals and sundries, 10 per cent. of total	3,990,024
Total outlay	$43,890,260

The value of the material produced by these 1,533 manufactories is $49,462,398, leaving a profit of $5,672,138, or 22 per cent. per annum on the capital employed, to which add the 12 per cent. included in above, will give total profit at 34 per cent. per annum.

The whole number of persons employed in manufacturing is 14,832, of which 1,036 are women and 586 boys; giving as wages:

Men	$441 53
Women	240 00
Boys	120 00

This certainly seems to me to be below the average, and a much lower rate of wages than I supposed possible—according to the wages returned to me by the Secretary of the Labor Exchange, as paid to Carpenters, Machinists, Bricklayers, Stonecutters, Blacksmiths and Laborers—and shows an error somewhere; or else the few obtain high wages, while the rank and

file have to be content with the crumbs, or that the number of days are few that the men are employed. Whether this is the result of organization, or want of organization, the history of the last year or two can best tell.

Looking on the other side, we see the Savings Banks—having deposits amounting to $37,000,000—yielding an annual revenue to the depositors of about $4,000,000. And here I must pause and take a long breath; it shows a wonderful amount of wealth contributed by the poorer classes—for you know Savings Banks were organized for the poor, to enable them to lay up their hard earned savings, and wealthy men would have nothing to do with them except as guardians. It shows by this perversion of the Savings Banks that these poor people are usuers, extorting from the still poorer the highest rates of interest and the pound of flesh too. It shows that they ignore the command of God to earn their bread by the sweat of their brow.

Turn that amount of capital into manufactures and honest industry, and under the present condition of affairs you increase the amount of the manufacturing capital three fold, and give employment to 20,000 more families; making homes, preventing idleness, encouraging industry, adding a permanent and self-increasing wealth to the State, and thus become national benefactors. In addition to that, reaping a better return than you can hope to obtain from Savings Banks.

One man, who starts a cobbler's stall, and through the exercise of his industry gives employment to the father of one family more, is a benefactor; and relatively, in a greater degree, is the man of capital who encourages industry by his means—while he who loans his money only on non-industrial collateral security, extorting the highest possible rate of interest, is a drag on the industry of the State.

The country situated west of the Rocky Mountains naturally looks to San Francisco for such supplies as usually come from a large manufacturing and commercial sea port; and San Francisco, in order to be in condition to supply its wants, must be able to compete with the older cities on the other side, in manufacturing skill, facilities and economy. The causes for any material difference in the price to be paid for money and labor are fast disappearing; "and with regard to labor, the difference is more on the surface than in reality, from the existence of rich poor men, who, having bank accounts, prevent the equal distribution of

work to all who are willing to work; taking the cream themselves, and to the masses giving only the dry crumbs;" (see census returns). And in respect to money, I see no reason now why we should not assimilate in our habits and customs to the rest of our common country, by *employing the same national currency.*

From the number of railroads projected across the continent, it is evident that we must give up our notions of isolation and bend to the task of sustaining ourselves against the strong current of competition and rivalry. The population of San Francisco—already beyond 150,000—should have in it a larger proportion of mechanics. If, from any local influences, we cannot raise such among us, then they will come from other towns, for undoubtedly the supply will equal the demand; but it is much better that we should apprentice the boys, so that they grow up among us, reliant, industrious youths.

But we must more than sustain ourselves—we must be able to compete with any competitor, and out-rival any rival. With the advantages of a climate adapted for working in, of position and prestige, with ordinary business tact, foresight and discretion, and some encouragement to manufacturers and the economic industries, we need fear no antagonist; but without these, we will find a formidable rival growing up somewhere in the vicinity of Puget Sound, which will give us considerable trouble to get rid of.

It therefore behooves us to cultivate and protect the hard working laborer and mechanic in our midst, so that we may forever keep that great source of prosperity and happiness among us; and, while admitting our mistakes, adopt measures which may be of benefit to all concerned. And to you, gentlemen, of the Mechanics' Institute, who, being mechanics, are familiar with our needs and necessities, I commend the further consideration of the subject.

Arrangements for the forthcoming Industrial Exhibition, to be held under the auspices of the Mechanics' Institute, have been pushed ahead with all the energy at the command of the Board of Managers. The services of Mr. J. H Gilmore were secured as Special Agent, who has canvassed the city with excellent results, and who reports at this time applications for exhibiting space to the amount of 28,500 feet. This exceeds in amount the whole of the exhibiting space occupied during the Industrial Exhibition of 1869, and there is yet one month and one half

to receive applications in. It will undoubtedly be necessary to enlarge the area of the ground floor so as to provide room for exhibitors.

The Managers have concluded an arrangement with the Bay District Horticultural Society, whereby that Society exhibits in a wing to be added to the south side of the Pavilion, and during the term of the Fair. Thus the horticultural exhibition will undoubtedly possess an attraction, under the well directed management of professional horticulturists, it could not possess under the Managers of the Industrial Exhibition, and that opportunity should not be lost sight of by those interested in this department.

The Managers dispatched an agent to Japan, for the purpose of obtaining from that country a full exhibit of its productions, raw and manufactured, and to draw the attention of its Government to the facilities possessed by San Francisco to furnish it with many manufactures and articles heretofore imported by it from Europe. Also, to induce the Japanese Government to appoint Commissioners to visit and report upon the forthcoming Industrial Exhibition.

Circulars have been distributed throughout the United States, the adjacent countries and the islands of the Pacific, stating the facts relating to the exhibition, and to this end 25,000 circulars have been distributed by mail, and by courtesy of mercantile houses, under the judicious direction of the Special Agent.

Considering the importance of a thorough knowledge of the natural resources of the Pacific Coast, and of the wants and requirements of this city and harbor, as well as of several special subjects exceeding desirable, the Managers, acting under the spirit of the State Legislature in extending to this Society a cash appropriation, have offered the sum of $3,300 as premiums for certain reports, essays, and exhibits, a list of which was laid before you as early as the December meeting of 1870. It is to be hoped these premiums may be generally competed for by reliable authorities, so that positive data may be furnished, which will be of exceeding value to the best interests of the State, and return many fold the sum appropriated.

To encourage the study of drawing and designing in the public day and evening schools, the Managers have offered special premiums to the pupils thereof. And the apprentices, also, have not been forgotten.

Circulars have been forwarded to the principle mines on the Pacific Coast, asking for specimens of ores, rocks, etc., to be forwarded to the Exhibition, and blanks accompany the circulars, desiring full information thereto—it being the intention of the Managers to place them in the proposed Museum of the Institute after the close of the Fair.

Wells, Fargo & Co. have generously tendered the assistance of their agents, and free transportation of their routes.

In the matter of goods to be exhibited at the next Fair, I wish to acknowledge, in addition to the before mentioned generosity of Messrs. Wells, Fargo & Co., the like friendly offices by the Pacific Mail S. S. Co. line of steamers to Japan and China, the Central Pacific R. R. Co. over their lines, and the California Pacific R. R. Co. over their lines and steamers, who transport articles to be exhibited, free of charge. The arrangement being as follows: Freight to be paid on goods going toward the Exhibition, and on the return of all goods so exhibited to their original place of shipment, accompanied by a certificate of exhibition, signed by the Secretary of the Board of Managers, the freight charges already paid will be returned, and no charge will be made for the retransportation of the goods.

Articles intended for exhibition coming east of the Central Pacific R. R. Co line will be required to pay freight to San Francisco, but the Central Pacific R. R. Co. will return all such articles to points of original departure, free of charge.

It is important that every effort should be directed to insure the success of the Eighth Industrial Exhibition. Your co-operation I feel is assured, so, therefore, let us bend our united efforts to this end; let us gird up our loins and prepare for hard work, and, having the determination to succeed, failure is impossible. We must bear in mind, also, that some years will elapse before you can hold another industrial fair and gather together the industries of this coast, for the building on Union Square must be removed immediately after the termination of the approaching exhibition, and it is difficult to see where or how we can construct another building sufficiently central and capacious.

The affairs of the Institute are not retrograding. All available funds have been exhausted in making additions to the library, and in reducing the mortgaged indebtedness.

In the department of the Committee of Rooms and Building, everything is reported in good repair. We are finding ourselves

cramped for room. The reading room is often crowded during the evening, and more shelving will be needed for books now on the way; and the attention of your Trustees is directed toward increasing, to some extent the accommodations of the room. Every part of the building has been rented to generally prompt paying tenants, bringing in a monthly rental of $625. Some extraordinary expenses have been incurred; repairing the street and laying down asphaltum sidewalk has cost $415 69; city and county taxes have amounted to $966 60; the front of building has been repainted, and various other outlays have been made on it. The Committee make several judicious recommendations to the Trustees, to which I beg to call their attention.

The Committee on Books and Donations report:

Number of books in Library June 1, 1870	15,024
Added by purchase during the past year	1,587
Added by donation	396
Total volumes at present date	17,007

The volumes added during the past year are thus classified:

Science and Art	584
Fiction	687
Reports	258
Essays	89
Biography	53
History	44
Poetry	35
Russian Works	108
Travels	35
Various other	90
Total	1,983

Among the donations are 107 rare and valuable works, presented by the Alaska Commercial Company, written in the Russian language, being 6 medical (2 of which are manuscript), 14 scientific, 3 travels, 50 bound periodicals (geography, travels, etc.), 23 historical, 7 government political economy, 2 philology, 2 poetry. As your Society has been endeavoring to collate works bearing on our new northern possessions and adjacent territory, this liberal and considerable donation is exceedingly well timed.

The Committee also refer to the valuable gift of Representative Axtell, being a full and complete set of the Congressional Globe, which he secured at considerable outlay of time and money, presenting these works with others to the Mechanics' Institute.

To our Representatives in Congress the Society is under very many deep obligations for donations during the past year.

The reading room is supplied with the following newspapers:

Of the Pacific Coast	101
City	34
Eastern States and Canada	67
Europe	35
Australia	3
Total	240

The Trustees have succeeded in securing a full and complete set of the Philosophical Transactions of the Royal Society of Great Britain, 149 volumes, besides the continuance, about 18 volumes. Your Society can esteem itself fortunate in the possession of such rare, valuable and unique works, which have only been secured after considerable patience and vigilance on the part of your London agent. These Transactions were first published in the year 1665, and continue down to near the present time. As they were shipped on the steamer Cuban 5th May last, it is expected they will arrive here on the steamer due 25th inst.

The Committee on Lectures and Classes have but little to report in its department, further than the fact of the success of the lectures under the auspices of the State University, and to which the Committee have given both time and attention, and for the success of these lectures in the various details of arrangements connected therewith, we are indebted to the Committee for their personal attention and care.

The Committee of Ways, Means and Accounts report the examinations of accounts by them, and their correctness so far as they have been able to devote time to their examination, and refer to the Treasurer's report, more particularly, for details.

From the report of the Treasurer, and an examination of the drafts on the Treasurer and the Librarian's vouchers, the financial transactions and condition of the Society are as follows:

Institute Account.

RECEIPTS FROM JUNE 1, 1870, TO MAY 31, 1871.

Rents	$7,137 50	
Dues—membership, etc	5,604 56	
Pavilion Fund	1,200 00	
Sundries	62 79	
Balance in Treasury June, 1870	423 39	
Total Receipts		14,428 24

EXPENDITURES—SAME TERM.

Insurance	292 50	
Interest	2,399 98	
Books	1,987 78	
Newspapers	645 93	
Advertising	117 25	
Furniture and supplies	394 30	
Petty cash, books	436 00	
Water	192 00	
Gas	1,031 50	
Improvements and repairs	839 82	
Printing	129 20	
Book binding	308 28	
Sinking Fund	1,400 46	
Salaries	3,915 00	
Sundries	8 14	
		$14,098 14
Balance on hand, Institute account, May 31, 1871		$330 10

Sinking Fund.

RECEIPTS.

June, 1870	$142 87	
July	84 50	
August	82 00	
September	119 06	
October	99 00	
November	73 00	
December	142 95	
January, 1871	96 21	
February	223 99	
March	141 96	
April	96 00	
May	98 92	
Balance on hand June 1, 1870	1,249 18	
Interest on average monthly balance	52 00	
		2,701 64

DISBURSEMENTS.

City and county personal taxes, 1870–71	170 00	
City and county real estate taxes, 1870–71	796 60	
Street assessment tax	370 54	
		1,337 14
Balance on hand, Sinking Fund ac't, May 31, 1871		$1,364 50

Pavilion Fund.

RECEIPTS FOR CURRENT YEAR.

Rents	$4,600 25	
Sundries	130 75	
Horticultural Exhibition	1,579 72	
Total		6,310 72

DISBURSEMENTS.

Salaries	$750 00	
Labor	81 00	
Material	119 50	
Law expenses	532 50	
Repairs	100 00	
Insurance	378 75	
Sundries	33 85	
Mechanics' Institute	1,200 00	
Union Insurance Co., on ac't of mortgage on Institute building	3,000 00	
Total		6,195 60
Balance		$115 12

In the Seventh Industrial Fair Fund there remains a balance of $37 68 in the hands of the Treasurer.

There is due the Treasurer, for advances on account of the Eighth Industrial Fair, $772 28.

The Treasurer shows the following balances :

Cash on hand May 31, 1871, Institute account	$330 10
Cash on hand May 31, 1871, Sinking Fund	1,364 50
Cash on hand May 31, 1871, Pavilion Fund	115 12
Cash on hand May 31, 1871, Seventh Fair Fund	37 68
Total	$1,847 40
Due Treasurer for advances on account Eighth Fair	$772 28

Statement of the Assets and Liabilities of the Mechanics' Institute, June 1, 1871.

ASSETS.

Lot and building on Post street	$115,000 00	
Library	23,500 00	
Fixtures and furniture	6,000 00	
Property on Union Square (estimated)	6,500 00	
Cash in Librarian's hands	94 20	
Cash in Treasurer's hands	1,847 40	
Dues unpaid and collectable	400 00	
Due from W. N. Hawley (rent Pavilion)	1,000 00	
Due from Roller Skating Co. "	150 00	
Due from Pacific Business College, rent	100 00	
Due from Capt. Blyth, rent	50 00	
Due from Dixie, rent	81 50	
Total		$154,723 10

LIABILITIES.

Mortgage, Union Insurance Co.....	37,000 00	
Five mos. int. unpaid Union Ins. Co..	1,541 65	
Due Treasurer ac't Eighth Ind. Ex....	772 28	
Bills audited.....	331 49	
Due B. Quaretch for books (£191 7s 3d)	956 81	
Bills not audited.....	580 55	
Total.....		41,182 78
Net assets.....		$113,540 32

Showing a gain over amount reported in my Annual Report of June 1, 1870, of $1,312 97.

It is satisfactory to know that during the year the mortgage has been reduced $3,000, and the rate of interest from 12 to 10 per cent.

I have carefully compiled from the records of the past three years, showing the amounts received from various sources for each quarter of each year:

MEMBERSHIP DUES.

Year.	Quarter ending Aug. 31.	Quarter ending Nov. 30.	Quarter ending Feb. 28.	Quarter ending May 31.	Totals for year.
1868–69....	$1,461 00	$946 50	$1,615 75	$1,212 85	$5,236 10
1869–70....	1,345 75	1,211 45	1,315 25	1,289 65	5,162 10
1870–71....	1,361 90	1,223 00	1,330 25	1,300 00	5,215 15

ENTRANCE FEES.

1868–69....	37 50	48 00	70 50	54 00	210 00
1869–70....	78 00	67 50	84 00	83 50	313 00
1870–71....	84 00	101 00	96 50	65 00	346 50

STOCK.

1868–69....	60 00	55 00	520 00	10 00	645 00
1869–70....	25 00	.....	abolished....	.....	25 00

LIFE MEMBERS.

1868–69....	100 00	150 00	50 00	100 00	400 00
1869–70....	.....	.....	100 00	.....	100 00
1870–71....	.....	100 00	.....	100 00	200 00

RENTS.

1868–69....	1,665 00	1,710 00	1,770 00	1,740 00	6,885 00
1869–70....	1,690 00	1,750 00	1,575 00	1,691 00	6,706 00
1870–71....	1,708 00	1,791 50	1,855 00	1,813 00	7,167 50

SUMMARY OF RECEIPTS FROM ABOVE SOURCES.

June, 1868, to June, 1869.....	$13,376 10
June, 1869, to June, 1870.....	12,306 50
June, 1870, to June, 1871.....	12,929 15

MEMBERS ADMITTED.

1869.....	346
1870.....	320
1871.....	350

From the foregoing statistics you will be able to draw your own conclusions, and under the general stagnation of business affairs and surrounding conditions we have no occasion to complain, but it is but fair to expect that our membership should increase with the population of the city, and it is to be hoped that the forthcoming Exhibition may so enable us to add to the inducements and attractions, that by the close of next year we may find a very large increase in our membership.

In conclusion, I beg to acknowledge uniform courtesy and consideration on the part of the members and officers of the Society. And, having full faith in the destiny of the Mechanics' Institute, I can only reiterate my determination to assist, by my best efforts, in placing the Mechanics' Institute on a firm financial basis, when it will be able to wield an effective and lasting influence for good.

A. S. HALLIDIE, President.

LIST OF MEMBERS.

LIFE MEMBERS.

Alvord, William
Anderson, Thomas
Arnold, T. J.
Austin, Alexander

Bacon, H. D.
Bacon, L.
Bartlett, Washington
Batchelder, L. L.
Behrens, Mrs. A. C.
Blake, M. C.
Booth, H. J.
Britton, Joseph
Burr, E. Coffin
Butterworth, S. F.

Carr, Mrs. Ezra S.
Clarke, John
Cooke, W. B.
Coon, H. P.
Cowles, Samuel
Corcoran, W. J.

Davis, Henry L.
Davis, Isaac E.
Donohoe, Joseph A.

Estee, M. M.

Gawley, W. H.
Gibbs, George W.
Grant, John
Grosh, Samuel

Haley, John J.
Halsted, Joel
Harding, S. C.
Hare, Charles
Hickox, George C.
Hobbs, Caleb S.
Hobbs, Carleton
Hoffman, Victor
Hooke, W. H.
Horn, B. C.
Houseworth, Thomas
Hyde, W. H.

Jordan, Dennis

Kehoe, John
Kelsey, Theodore A.
Kirk, Christian
Knapp, J. B.
Knowles, G. B.

Low, C. Adolphe
Lyman, Charles

Macpherson, A. W.
Marsh, A. J.
Martin, Camilo
Mastic, L. B.
Merrill, J. C.
Mitchell, Thomas F.
Moigneu, F.
McCrindle, William
McLea, Donald
McRuer, D. C.

O'Connor, M. J.
Owens, Henry
Page, Nathaniel
Parker, E. H.
Patrick, James C.
Pennell, J. T.
Pierce, J. B.
Pioche, F. L. A.
Provost, D. R.
Pulverman, B.

Ralston, W. C.
Rankin, Ira P.
Reese, Michael
Rey, J. J.
Riley, Cornelius
Roach, John
Rundell, W. M.

Selby, Thomas H.
Story, Charles R.
Swain, A. E.

Taylor, C. L.

Washburn, E. H.
Watt, Robert
Webb, C. C.
Webb, P. L.
Wetherbee, C. H.
Whipple, S. B.
Whitney, J. P.
Widderspoon, John
Wilson, George O.
Woodward, R. B.
Worth, Obed

HONORARY MEMBERS.

Axtell, S. B.
Brewer, W. H.
Lloyd, R. R.
Webb, W. H.
Whitney, J. D.

REGULAR MEMBERS.

Abbott, J. E.
Ackerson, Charles H.
Adams, N. B.
Adams, W. J.
Aitchson, J.
Akerman, B. J.
Alexander, W.
Allardt, G. F.
Allen, C. C.
Alpers, Charles
Ames, Mrs. G. H.
Anderfuren, W. J.
Anderson, James
Angell, H. B.
Angus, James A.
Annesley, J.
Arbogast, F.
Archbald, John
Armes, C. W.
Armes, G. W.
Armiger, J.
Armstrong, James
Arnheim, S. S.
Arnold, Thomas C.
Arnot, N. D.
Arnot, Mrs. N. D., Jr.
Arrison, Henry
Asselin, John
Atkinson, J. H.
Atwood, E. A.
Atwood, George A.
Attwood, Frank H.
Attwood, Melville
Augsburgh, F.
Ayer, J. R.
Ayres, Ira
Ayres, William

Backus, George
Bacon, Jacob
Badlam, Alexander
Baker, Thomas C.
Balch, H. M.
Bamber, J. J.
Barclay, David
Barker, Frank
Barker, Frank—2d
Barker, H. L.
Barry, David
Barth, Mrs. C. H.
Barto, Harrison
Bassett, Charles F.
Bates, Miss C.
Bates, George
Bauer, Mrs. H.
Baurhyte, W. W.
Beach, J. D. C.
Beardsley, C. W.
Beath, J. M.
Beggs, Henry
Beggs, James
Bein, William
Bell, George H.
Belle, E. O.
Belshaw, M. W.
Benchley, L. B.
Bennett, James
Bent, Charles
Bent, William
Berg, Maurice
Bering, J. P.
Bestor, H. T.
Betts, W. M.
Beyer, R. W.
Beyerle, Ernest
Biggs, Jesse E.
Bigley, Thomas
Bingham, W. T.
Birch, W. H.
Black, Henry M.
Blackman, Mrs. W. H.
Blaikie, Andrew
Blaikie, J. L.
Blair, C. S.
Blake, C. E.
Blake, C. T.
Blumenburg, J. H.
Blunt, J. P.
Blyth, Henry
Bohn, John
Boland, James
Bond, C. R.
Bondy, A.
Bones, J. W.
Bonesteel, C. A.
Bonnell, A. C.
Bonnell, Miss Kate
Bonnet, B.
Bonny, Olpha, Jr.
Boobar, E. C.
Booker, G. E.
Bordwell, G. A.
Bosqui, Edward
Bower, Miss Carrie
Bowers, A. B.
Bowman, Amos
Boyd, W. A.
Brady, Thomas
Bramall, George
Brandon, J. R.
Brands, James
Brock, C. F.
Broderick, J. E.
Brooks, Birdsey
Brower, C.
Brown, Calvin
Brown, Charles F.
Brown, F. J.
Brown, Irason, C.
Brown, J. D.
Brown, W. A.
Browning, Jacob
Browning, Jeremiah
Bruce, Lewis P.
Brunner, B. P.
Bryan, W. H.
Bryant, A.
Bryant, John
Buckman, E. T.
Buffington, J. M.
Bugbee, S. C.
Bunker, H. C., Jr.
Burgess, Charles
Burns, Bernard
Burns, Isidore
Bushnell, A.
Buttle, John
Byrne, Charles A.
Byrne, William

Cabot, E. R.
Cady, Lorenzo
Caldwell, H. M.
Calhoun, C. A.
Calverley, Thomas
Cameron, J. A.
Campbell, C. P.
Campbell, J. W.
Canavan, P. H.
Canham, W. F.
Carey, J. H.
Carpenter, H. L.
Carter, J. H.
Casebolt, Henry
Cassidy, Miss Mary F.
Center, John
Chadbourne, C. F.
Chamberlain, W. E.
Chambers, Geo. L.
Champlin, C. H.
Chapman, Howard
Chapman, R. J.
Chartrey, Raoul
Chase, E. Jacob
Cheesman, Thomas
Cherry, John W.
Childs, George E.
Clark, James
Clark, James P.
Clark, M. A.
Claussenius, Herm'n
Clay, Frederick
Clement, Jabish
Clement, Joseph

Clement, R. P.
Clerc, P. F.
Clodi, Louis
Cobb, H. A.
Cochran, J. John
Coffin, P. F.
Cole, R. Beverly
Coles, W. L.
Coleman, C. C.
Coleman, D. R.
Coleman, G. P.
Collie, Alexander
Collie, W. H.
Collins, B. R.
Collins, Mrs. Lucy
Comstock, Geo
Condon, R. T.
Conger, B. T.
Connell, D.
Conner, I. M.
Conrad, A.
Constable, J. L.
Cook, Isaac
Cook, Peter
Cook, S. P.
Coombs, C. H.
Coombs, J. H.
Coons, C. A.
Cooper, Archibald,
Corbett, A. C.
Corbett, Thos.
Corey, Ammon
Cortis, A. J.
Coryell, J. R.
Coupland, W. F.
Craig, Peter
Cramer, J. D.
Crawford, E. M.
Cruden, David
Cubery, W. M.
Culver, J. H.
Cumming, George
Cummings, H. K.
Curry, F. I.
Curtis, J. P.
Cutler, E. W.

Daboll, H. W.
Dam, G. W.
Darcy, James
Daryes, Richard
Davenport, A. J.
Davidson, George
Davidson, George-2d
Davis, C. F.
Davis, F. P.
Davis, James
Davis, James H.
Davis, S. R.
Dawes, R. C.
Day, Sherman
Deane, James R.
Dearing, O. A.
Deering, Michael
DeGraaf, John P.
De LaBar, Macaja
Dell, L. B.
Dewalt, George
Dewey, A. T.
Dexter, F. B.
Dickson, John
Dinsmore, Samuel
Doane, S. P.
Dobinson, G. A.
Doble, Abner
Dobrzensky, M.
Dodge, D.
Dodge, Jared
Dolan, Timothy
Donnelly, J. W.
Donovan, J. A.
Doud, A.
Dowling, Miss A. E.
Doyle, Miss Irene
Doyle, John T.
Drew, L. B.
Drury, James
Dudgeon, Edwin
Duncan, Edward
Dunham, B. F.
Dunn, Charles A.
Dunn, David M.
Dunn, Horace D.
Durand, F. E.
Durden, H. S.
Duren, George

Eade, George C.
Eastman, F.
Easton, James
Easton, O. W.
Ebright, H.
Eckfeldt, J. M.
Eckhardt, L. H.
Edmondston, H. T.
Edwards, F. G.
Edwards, Thomas C.
Edwards, Wilson
Egan, Edward
Elliot, B.
Elliot, Charles
Elliot, T. L.
Ellis, B. F.
Emanuel, L.
English, J. F.
Eppelsheimer, W.
Erlandsen, Andrew
Evans, C. H.
Evans, Thomas
Evatt, John
Ewer, W. B.
Ewing, Robert

Fairweather, J.
Farnsworth, D. L.
Farquharson, D.
Farren, John W.
Fawcett, Stephen
Fay, John
Fehnemann, B.
Fenton, T. M.
Ferguson, George
Ferguson, George H.
Fields, James L.
Finck, Julius
Findlay, Alexander
Finley, Thomas E.
Firth, J. B.
Fish, A. L.
Fish, F. H.
Fish, Julius N.
Fisher, J. M.
Fiske, H. G.
Fisk Royal
Fitzpatrick, A. G.
Flammer, Charles
Flanders, Eugene
Flenniken, Robert
Fleres, Miss Serafina
Flint, Gertrude V.
Fogarty, E. R.
Fogg, G. W.
Folger, Alanson
Folger, Miss H. C.
Formhals, Ferdinan
Forsyth, George C.
Forsyth, Robert
Francis, D. B.
Freeman, B. H.
Freeman, James E.
Frei, Andrew
French, B. F.
French, S. T.
Frost, Horatio
Fuller, Mrs. O.
Gaerber, Joseph

Gallagher, B.
Gallagher, Ed.
Gallagher, Edward M.
Galpin, Edward
Gannon, Peter T.
Garatt, B. F.
Garatt, W. T.
Gavin, P. A.
Gately, Mrs. T. J.
Gaynor, J. P.
Geddes, Charles
Giannini, P. A.
Gibbs, W. C.
Gilloney, J. M.
Gilmore, J. H.
Gluyas, G. K.
Gluyas, Reese W.

Goldwater, M.
Good, John
Goodrum, W. E.
Goodwin, J. P.
Gordon, Charles W.
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Gordon, James E.
Gorrill, W. H.
Gosling, Mrs. Joseph
Graham, James
Graham, J. W.
Graham, R. J.
Graham, Thomas A.
Grant, Joseph
Gray, James M.
Gray, Joshua
Gray, Nathaniel
Gray, W. C.
Greaves, Benjamin
Greaves, William
Greenberg, M.
Greene, E. B.
Greenhalgh, W. C.
Greenwood, John
Griffith, M.
Grubb, S. N.
Gruenhagen, C. H.
Gruenhagen, W.
Guignard, Henry
Guion, G. W.
Gunner, Charles
Guthrie, Samuel
Gwyther, George

Haberlan, John
Haggerty, J. W.
Haile, C. S.
Haley, J. F.
Hall, Charles F.
Hall, Mrs. J. C.
Hall, Martin
Hall, W. G.
Hall, W. Hammond
Hallidie, A. S.
Ham, J. H.
Hamilton, James
Hamilton, J. W.
Hammond, William
Hancock, John
Hanley, M. J.
Hannan, James
Hanscom, M. L.
Hanscom, W. W.
Hanscom, J. O.
Hanson, S. B.
Haraszthy, Arpad
Harding, John
Harmon, George W.
Harmon S. H.
Harper, John
Harris, Alfred
Harris, R. L.
Harrison, B. A.
Harrison, Thomas
Harrison, W. P.
Hart, Willie
Haskell, Clinton
Hassam, Henry
Hastings, John
Hathaway, A. H.
Hawes, Elisha
Hawley, D. N.
Hawley, N. E.
Hawxhurst, H. G.
Hay, John
Hayes, D. E.
Hayes, Mrs. G. W.
Haynes, Miss F. E.
Healy, Patrick J.
Healy, John
Hendry, Miss Maggie
Hendy, Joshua
Hennessy, James
Hepburn, Mrs. W. H.
Herrick, George E.
Herrick, H. P.
Herrick, William F.
Hess, V.
Hickox, Wesley
Higgins, Robert
Hill, Mrs. Augusta
Hillert, F.
Hinckley, D. B.
Hinkley, Parker
Hinton, Isaac
Hinton, W. M.
Hitchings, E. W.
Hoadley, Milo
Hoagland, W. C.
Hoffman, Abraham
Holman, G. C.
Holmes, Cornelius
Holmes, C. S.
Holmes, Edward
Holmes, E. K.
Holmes, H. J.
Holmes, H. T.
Holtz, Mrs. L. F.
Hooker, W. D.
Hopps, Charles
Hopps, Charles E.
Hopps, George H.
Horton, D. B.
Houseman, James S.
Hovey, George D.
Howe, Charles A.
Howe, M. A.
Howes, C. P.
Howes, E. K.
Howell, H. Burr
Howell, Joseph L.
Howland, Mrs. H. A.
Hucks, J. J.
Huestis, C. W.
Huff, Ida
Hughes, John F.
Hull, Geo. L.
Hulse, D. A.
Hummeltenburg, M.
Humphries, A. L.
Hunt, E. O.
Hunt, D. W.
Hunter, Nathaniel
Hurd, J. M.
Hurlbert, Henry
Hurlbut, George C.
Hurley, Helen T.
Hussey, J. L.
Huttner, Henry J.

Ingle, Albinus
Inslee, G. W.
Iredale, A. S.
Isaac, Joseph
Ivers, Richard

Jacobs, Mrs. E. R.
Jacobs, Meyer
Jaffe, L.
Jasperson, Theodore
Jenkins, Thomas
Jesse, George R.
Jessup, A. J.
Johnson, Christian
Johnston, H. H.
Johnston, James
Johnston, John
Jones, Daniel C.
Jones, H. W.
Jones, Mrs. L.
Jordan, Morris
Julian, T. B.

Kaeding, Charles
Keane, John
Kearny, John
Keegan, James
Keenan, W.
Keene, James
Keesing, Henry
Keller, Henry
Keller, M.
Kellett, S.
Kellett, W. F.
Kelley, John C.
Kellogg, James
Kellum, C. D.
Kelly, James M.
Kelly, James R.
Kelley, Thos. M. H.
Kemp, Mary R.
Kenitzer, Charles
Kenitzer, Henry

Kennedy, F. B.
Kent, S. H.
Kent, T. B.
Kerr, David
Keyser Charles
Kibbe, H. C.
Kidd, Alexander
Killey, Ida C.
Kimball, George P.
Kimball, Henry
Kimball, M. H.
Kimball, S. P.
Kincaid, John E.
Kind, H. W.
King, George
King, Joseph B.
Kittredge, George S.
Kittredge, Jonathan
Klein, Henry
Knights. L. F.
Knowlton, Ebeneezer
Knox, Charles H.
Knox, Israel W.
Kohler, Charles
Korbel, A.
Korbel, J.
Kraus, C. F.
Krees, A.
Kruse, Edward

Ladd, C. J.
LaGrange, Mrs. M.
Laguna, A. de Leo de
Laidley, James
Lamont, H. H.
Lamott, A.
Lancaster, Joseph
Lancey, Thomas C.
Landsberger, H. M.
Landsberger, Isidore
Langland, N. P.
Lankershim, J. B.
Larkin, G. B.
Lauden, M. K.
Lawrence, H. H.
Lawton, G. W.
Lazarus, P.
Leavitt, C. H.
Lee, Joseph
Lewellen, Wilson
Lewis, Augustus
Lewis, D. G.
Lewis, W. J.
Lilien, W. S.
Linden, Otto
Little, C. C. N.
Little, Samuel
Littlefield, G. B.
Littlefield. Joseph S.
Littlefield, Sheldon
Livesey, Thomas
Lohse, Nicholas
Loomis, W. E.
Lord, A. J.
Lord, R. H.
Loughlin, Edward
Lubbock, Charles
Luchsinger, J. B.
Lucy, George
Lundberg, Wm.
Lundt, Henry
Luttringer, A.
Lyall, Alexander
Lyon, Champlin
Lyons, Lazarus
Lyons, W. H.

Macdonald, D. A.
Macdonald, J. H.
Macken, James
Macy, H. C.
Macy, W. W.
Magagnos, J. A.
Maher. P.
Mahon, Frank
Mahoney, W. P.
Mairs, James
Mallon, John
Mangels, Martin
Mansell, Frederick
Marden. R. A.
Marsh, N. F.
Martenstein, Jacob
Martin, Robert
Martin, S. B.
Mathiesen, Katie
Mauran, J. R.
Maxwell, J. M.
Maxwell, Walter
Meagher. F. J.
Meeker, George H.
Megraith, Edward
Mercer, C. H.
Merithew, James M.
Meyer, W.
Mezzara, P.
Miller, F. A.
Miller, W. N.
Mills, F. E.
Milne, Alexander O.
Milne, George E.
Mitchell, H R.
Mitchell, J. S.
Mitchell, William
Mix, Isabella A.
Moffat, Samuel
Moffit, James
Moffit, Thomas
Molte, John P.
Monnot, Mrs. Mary
Monson, C.
Montague, W. W.
Moody, Mrs. A. M.
Mooney, J. H.
Moore, David
Moore, G. W.
Moore, Joseph
Moore, Octavius G.
Moore, Richard
Moore, W. P.
Moote, Samuel
Moran, Thomas
Moran, T. A.
Moreau, E.
Morris, W. G.
Morton, J. B.
Morton, Miss S. E.
Moss, John
Moss, J. Mora
Moulton, Josiah
Muller, Adolph
Mulville, Daniel
Munson, S. M.
Murray, R.
Murray. W. F.
Myers, Leon R.
McArdle, Simon
McCarty, Dennis
McCloskey, Matthew
McConnell, J. Henry
McDonald, A. D.
McElwee, J. V.
McFarlane, William
McGill, Joseph
McHaffie, James
McIntyre, George
McKewen, John
McKibbin, Thomas
McKibbin, William
McLagan, James L.
McNally, Lawrence

Nagle, George D.
Nealy, J. R.
Nelson, Robert
Nelson, Thomas
Newman, Theodore
Newmark, V.
Newsom, J. J.
Nichols, A. C.
Nile. M. D.
Noble, J. F.
Noble, Thomas
Nutz, F.

Oakley, R. O.
Oakley, S. E.
O'Brien, J. H.
O'Brien, M. M,
O'Connor, Charles
O'Connor, Cornelius
O'Connor, Daniel
O'Connor, T. J.

Ogilvie, Samuel
Olmsted, John C.
O'Neil, J. M.
O'Neil, Thomas
Ord, E. O. C.
Orton, R. H.
Osborn, F. F.
Osperg. Charles
O'Sullivan, P.

Packer, W. H.
Page, R. C.
Pages, J. F.
Paltenghi, Andrea
Pardow. George
Pardy, George
Parent, C. L.. Jr.
Parker, J. B.
Parker, LeRoy H.
Parkhurst, V. S. W.
Parsons, C. A.
Parsons, W. H.
Patch, G. W.
Patterson, G. A.
Patterson, James
Payson, A. P.
Pearce, Henry
Pearl, James
Pearlman, S. M,
Pearson, J. K.
Pease, W. C.
Pendergast, Thomas
Penlington, George
Perian, J. T.
Perine, N. P.
Perkins, Joseph
Perkins, N. L.
Peters, Arthur S.
Peters, Joseph C.
Petrie, Adam
Peyton, Bernard
Phelan, W. H.
Phipps, A. B.
Pickett, William
Pierce, George L.
Pierce, Joseph W.
Pierson, J. D.
Pierson, W. M.
Piper, J. B.
Piper, S. L.
Pirani. A. C.
Plover, Patrick
Plum, C. M.
Poland, Nahum
Polley, Henry
Pomeroy, J. T.
Pope, K. E.
Porter, W. H.
Potter, Mrs. L. G.
Power, James
Preston, W.
Prettijohn, Charles
Price, Jacob
Prince, Thomas
Prindle, F.
Prior, J. K.
Pullman, James

Quinlin, A. G.
Quint, Effie

Rabjohn, E.
Rafferty, John
Ralston, John
Raphael, R. R.
Reay, J. W.
Reed, Charles
Reed, C. C.
Reed, Mrs. E. A.
Reid, G. F.
Reilly, J. J.
Reilly, W. T.
Reynolds, George
Richards, Calvin
Richards, Israel
Richmond, Mrs.L.G.
Risdon, J. N.
Risk, Robert
Rix, Alfred
Roberts, Charles G.
Roberts, S. N.
Robertson, Mrs.J. M.
Robison, C. F.
Robinson, A.
Robinson, R. H.
Robinson, W. D.
Robinson, W. C.
Robinson, E. R.
Rogers, George P.
Rollins, Mrs. H. G.
Rose, George W.
Rosekrans, H.
Rosekrans, H. M.
Rosenthal, Joseph
Ross, John
Ross, Joseph
Ross, H. F.
Rowell, Samuel
Royce, Josiah, Jr.
Royer, H.
Rulofson, W. H.
Russell, Monson
Ryan, J. P.
Ryan, L. M.
Ryan, Timothy

Sanborn, A. J.
Sanders, A. A.
Sanders, G. H.
Sanderson, J. A.
Sanderson, L. C.
Sather, Peder
Savage, Richard
Sawyer, Miss A. B.
Sawyer, A. F.
Sawyer, C. L.
Schaefer, J. W.
Schemit, T. T.
Schmolz, William
Schreiber, Christian
Schreiber, John
Schroder, E.
Scott, Arthur
Scott, Charles E.
Scott, Irving M.
Scott, James S.
Scovern, J. G.
Seaton, William
Sellers, Reuben
Seregni, F.
Sexton, George
Shafer, F. J.
Shane, E. R.
Sheldon, J. P.
Sheldon, H. H.
Sherman, B. F.
Sherman, D. S.
Sherwood, Robert
Shew, L. M.
Shiels, William
Shuttleworth, H. W.
Shwed, Philip
Silvey, R. W.
Sime, John
Simmons, W.
Simpson, David
Simpson, John
Sims, J. R.
Skidmore, W. A.
Sloan, Mrs. E.
Small, W. P.
Smith, Clement
Smith C. R.
Smith, C. W.
Smith, C. W. M.
Smith, David R.
Smith, Miss Emma
Smith, H. S.
Smith, Mrs. Mary
Smith, Peter T.
Smith, Theodore C.
Smith, W. H. N.
Smith, W. W.
Smith, W. X.
Smyth, William
Snook, G. A.
Snook, W. S.
Snow, John F.
Snyder, A. A.
Sonntag, H. P.
Spaulding, George
Spaulding, John
Spaulding, N. W.

Speirs, Moses
Spinney, George L.
Sprague, S. S.
Stahl, E.
Stanyan, C. H.
Starr, Augustus
Steed, John
Steele, Caroline
Stegeman, F.
Steiger, A.
Steiger, C. R.
Steinegger, H.
Sterett, B. F.
Stetson, J. B.
Stevens, Joseph
Stevens, Horace
Stevenson, H. C.
Stevenson, John
Stieglitz, H.
Stinson, Perry
Stockman, J. M.
Stockton, E. A.
Stoddard, W. M.
Stoddart, D.
Stoddart, W. J.
Stombs, C. H.
Stombs, T. A., Jr.
Stone, A. W.
Storie, John
Stott, A. W.
Stout, A. B.
Stout, W. P.
Strahan, N.
Strahan, Simon
Strahle, Jacob
Strang, David
Stratton, A. W.
Strout, M. H.
Stuart Forbes, J. E.
Such, F. L.
Sullivan, J. D.
Summerfield, A.
Sutherland, F. E.
Swain, C. W.
Swain, D. W.
Swayne, W. Y.
Swett, D. L.
Swett, F. P.
Sylvester, George F.
Sylvester, Leander
Sylvester, L. G.

Tabor, R.
Taylor, A. C.
Taylor, D. S.
Taylor, J. B.
Taylor, James M.
Taylor, John F.
Taylor, S. P.
Telfer, J. W.
Templeton, H. S.
Tennent, Thomas
Terhune, C. P.
Thain, H. W.
Thayer, Ignatius E.
Thiesen, Charles
Thompson, Charles
Thompson, George C.
Thompson, Thornton
Thompson, William
Thornhill, Joseph
Tilden, C. L.
Tucker, E. W.
Tucker, N. R.
Turner, Joseph
Turner, Mrs. Nancy
Tustin, W. I.
Tuthill, M. T.
Twichell, T. W.

Upton, A. F.
Usher, Thomas
Uttley, William
Uznay, Mrs. F.

Van de Casteele, H.X.
Van Norden, R. T.
Van Winkle, J. S.
Varney, Thomas
Vinson, Henry
Volberg, Charles

Wadleigh, A. S.
Wagner, Adolph
Wakelee, C. H.
Walker, Edward
Wall, John
Wandesforde, J. B.
Ward, I. M.
Warren, E.
Warschauer, M
Washburn, R. W.
Watson, Adam
Watson, J. T.
Way, T. H.
Weber, Gabriel
Weed, J. H.
Weir, W. K.
Wells, Asa R.
Wendall, W. G.
Wentzel, George
Wenzel, H.
Wertsch, W.
Westgate, W.
Wetherbee, S. H.
Wheeler, Frank
Wheeler, H. S.
Wheeler, S. H.
Whelan, Frank
Whelan, J. A.
Whelden, Alexander
White, Carlos
White, E. P.
White, F. E.
White, P. J.
White, Winnie
Whittemore, J. B
Whyte, Malcolm C.
Wigmore, John
Wilcox, J. R.
Wilder, David
Wilkie, Andrew
Wilkinson, E. O.
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Will, F.
Williams, H. F.
Williams, S. H.
Williams, W. H.
Williams, Mrs. J. O.
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Willis, M. W.
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Wilson, Thomas H.
Wilson, W. F.
Winall, S. A.
Winship, T. J.
Winter, T. P.
Witherby, Mrs. W. H.
Withrow, W. W.
Wolfe, James E.
Wood, G. T.
Wood, H. M.
Woods, I. C.
Woodsum, J. H.
Wool John
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Worthington, Wm.
Wright, E. B.
Wright, F. S.
Wright, John C.

Young, James
Young, Richard
Young, Thomas

Zander, L. F.
Zech, Jacob
Zel, Louis